

Title: RETORT HEATING APPARATUS AND METHODS

Inventor: Byron Merrell

Docket No.: 15621.1

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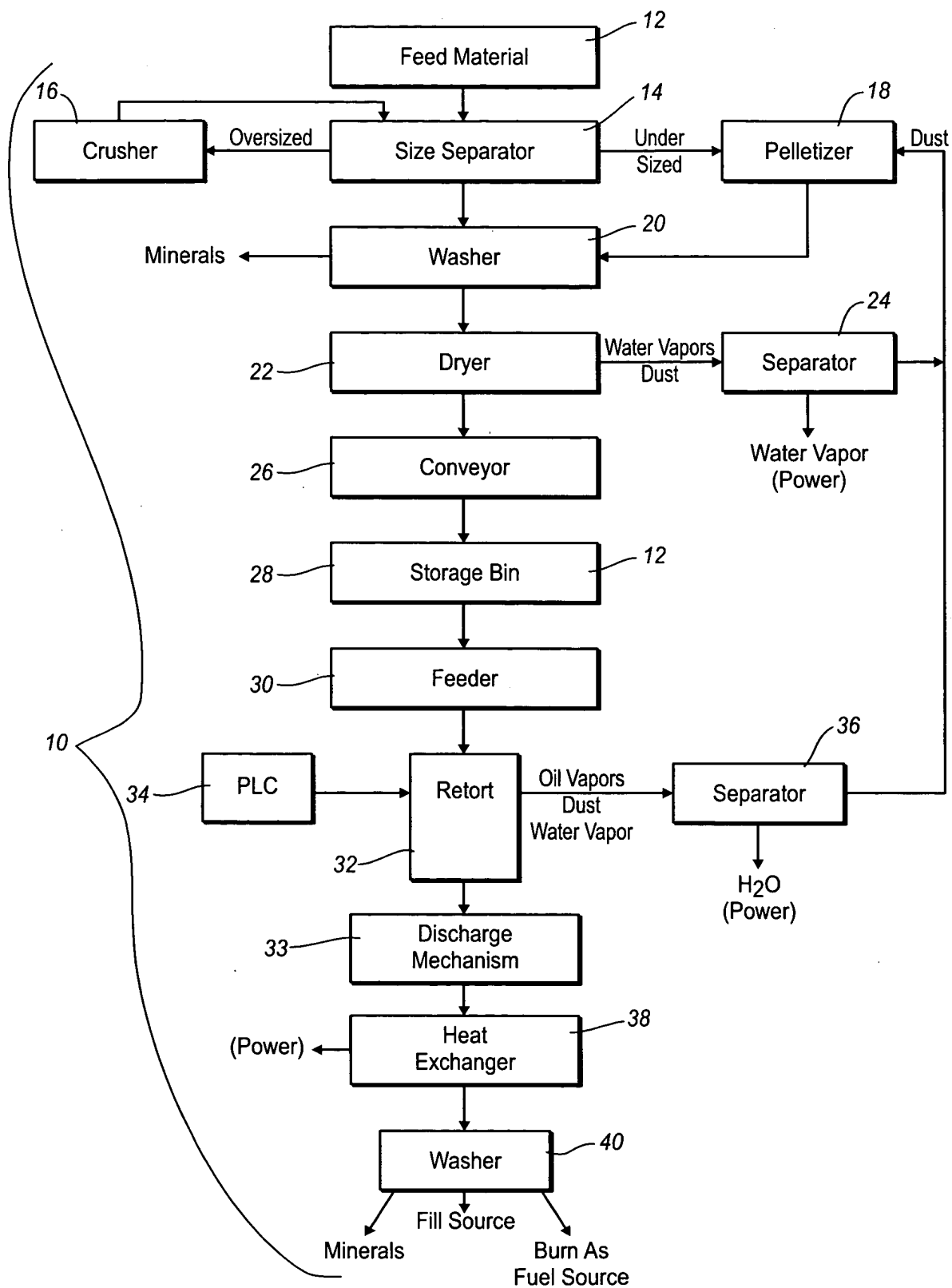


Fig. 1

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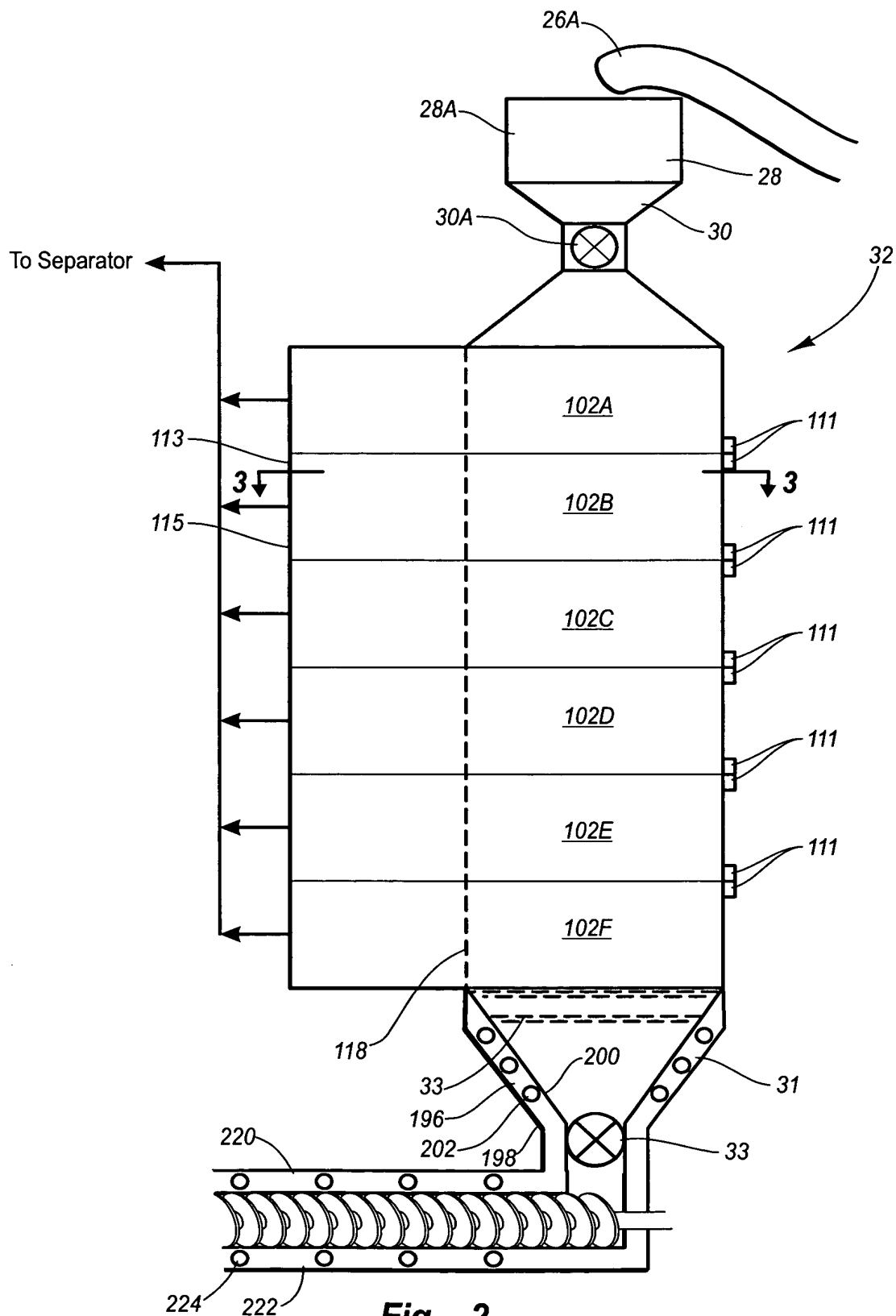


Fig. 2

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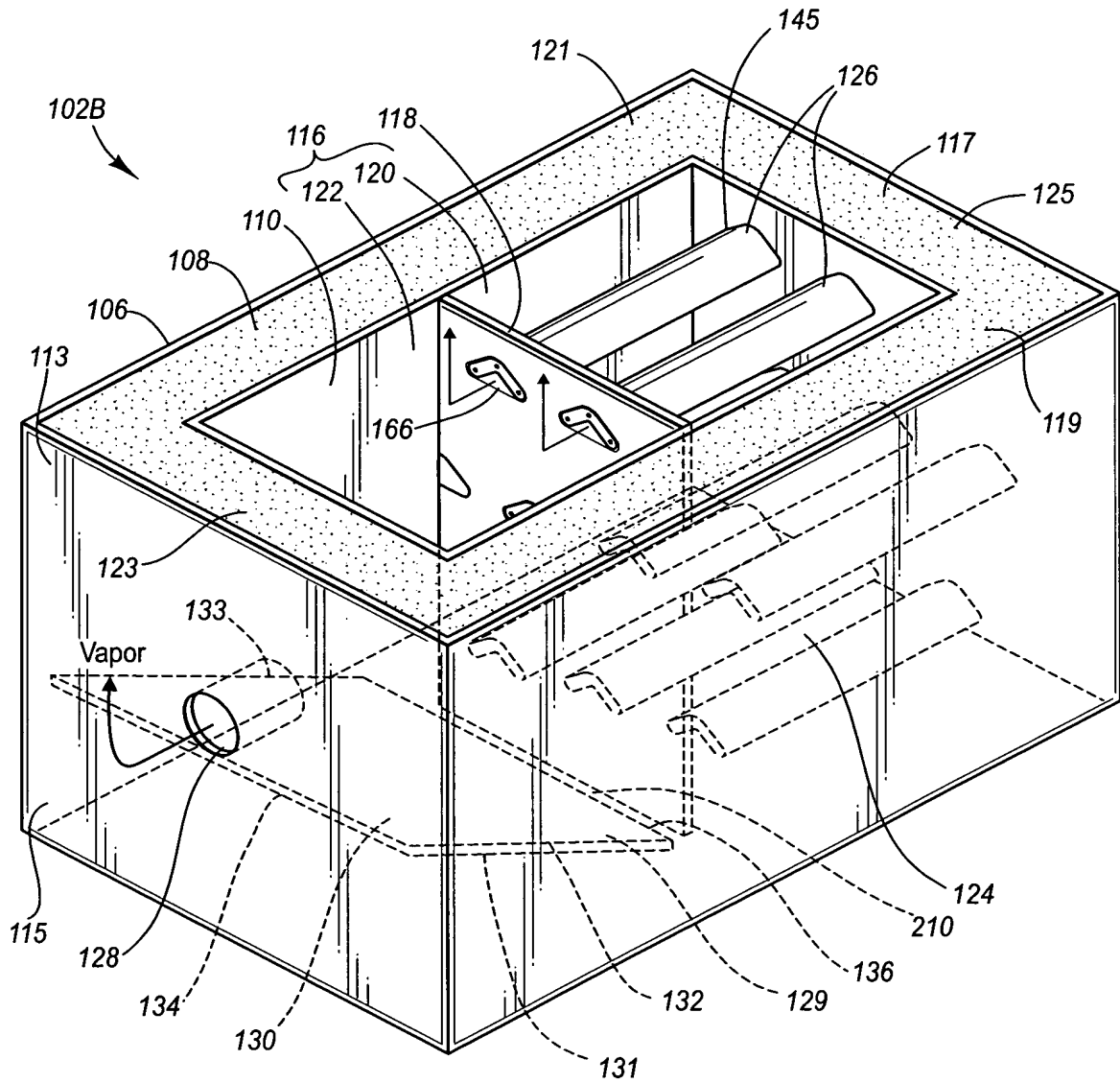
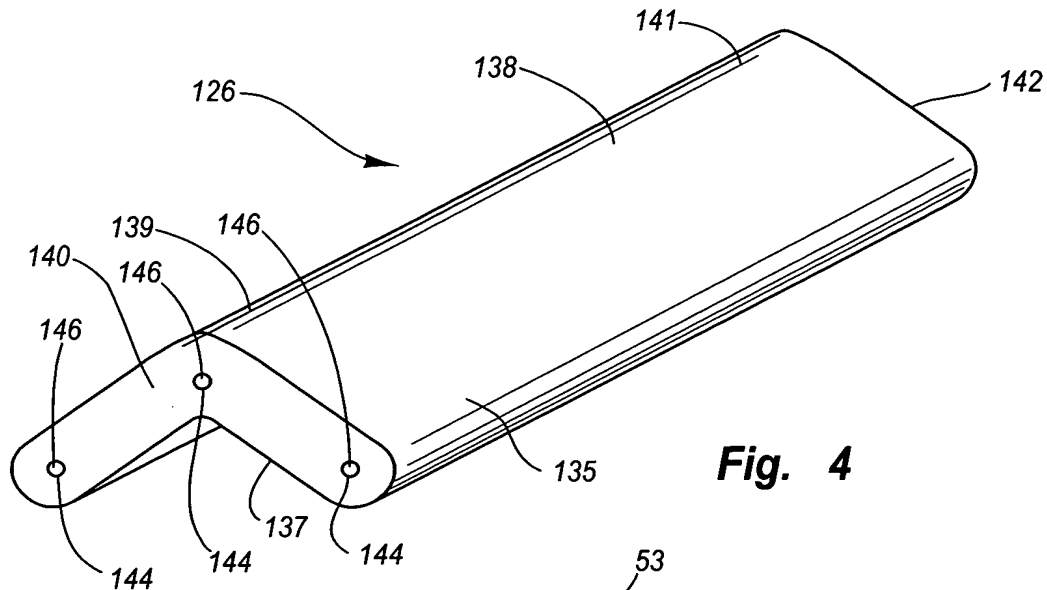
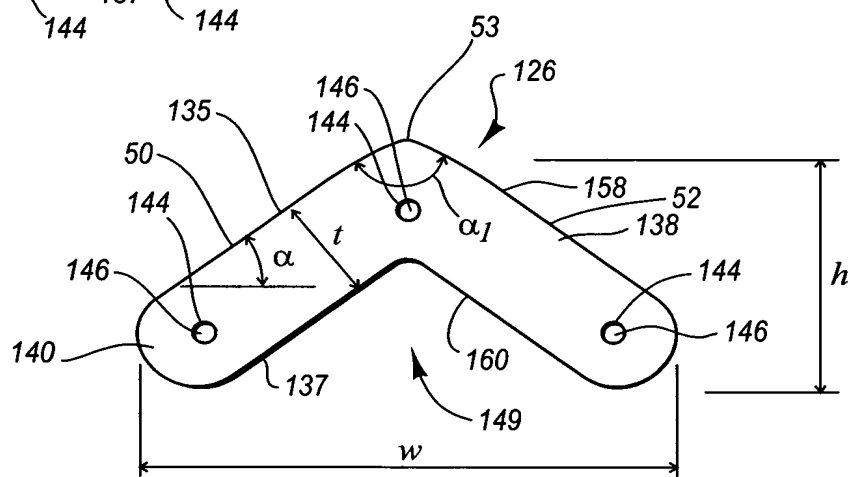


Fig. 3

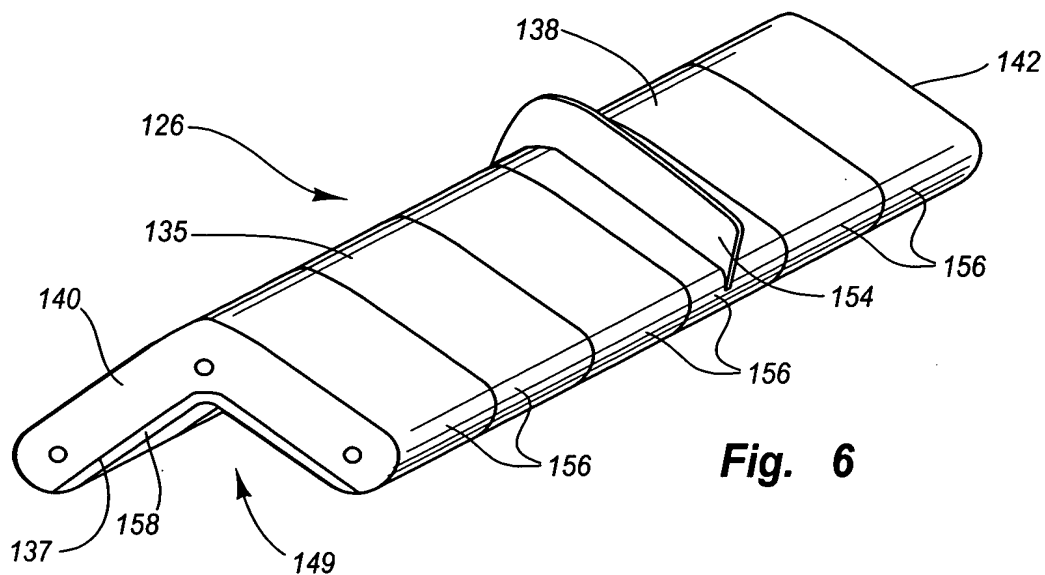
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**Fig. 4**

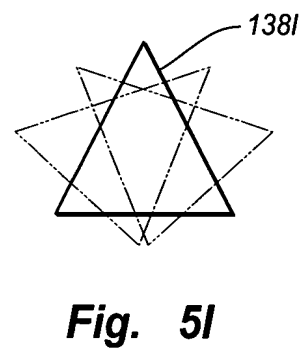
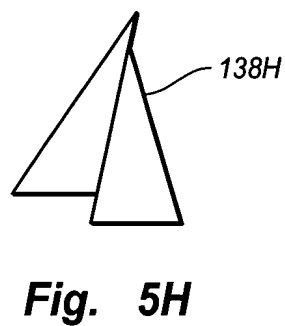
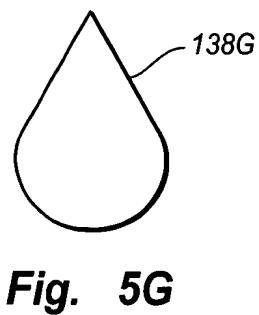
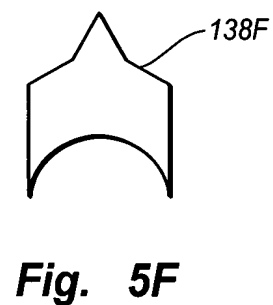
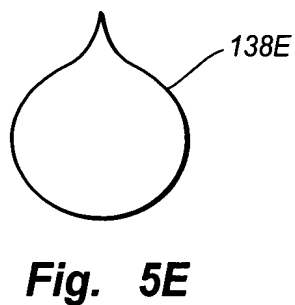
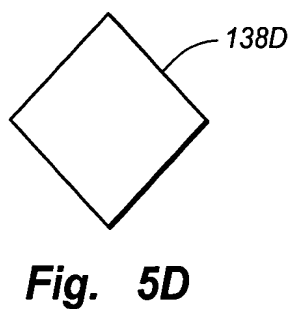
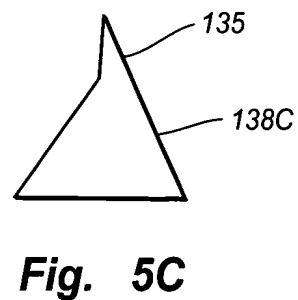
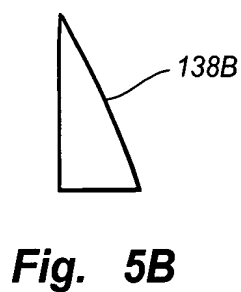
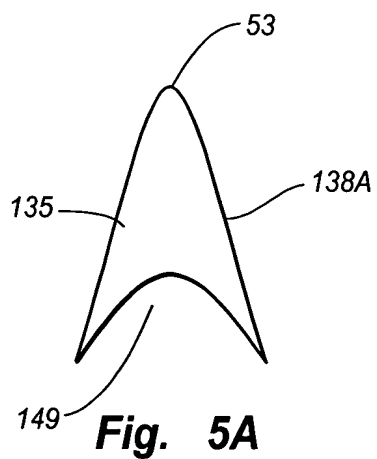


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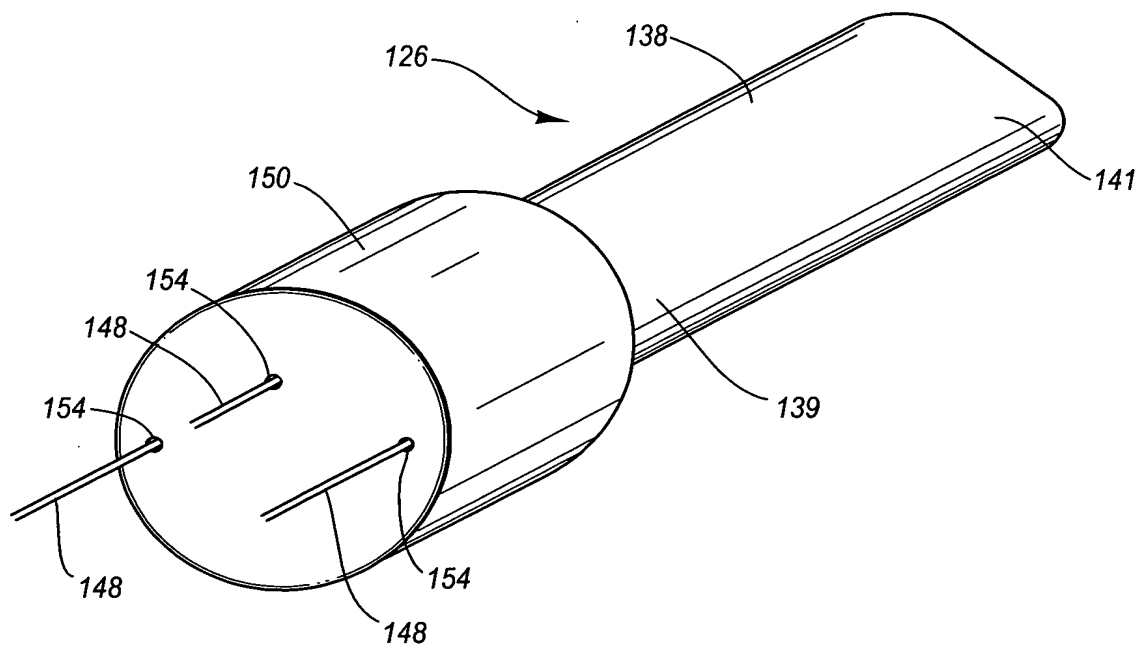


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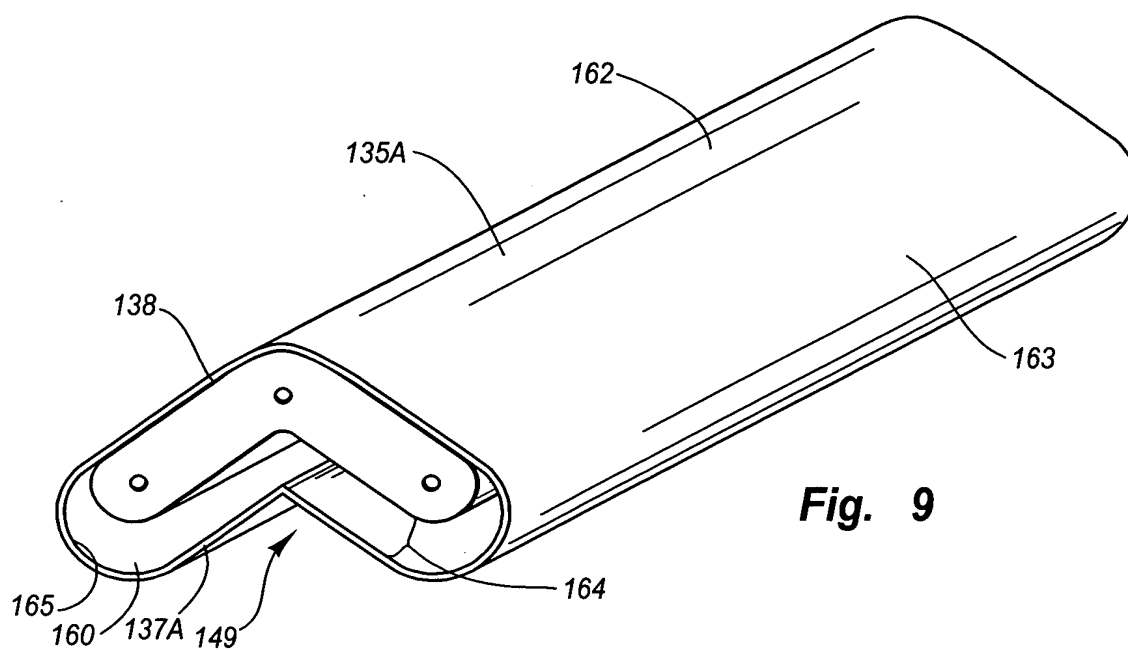
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**Fig. 7**



**Fig. 9**



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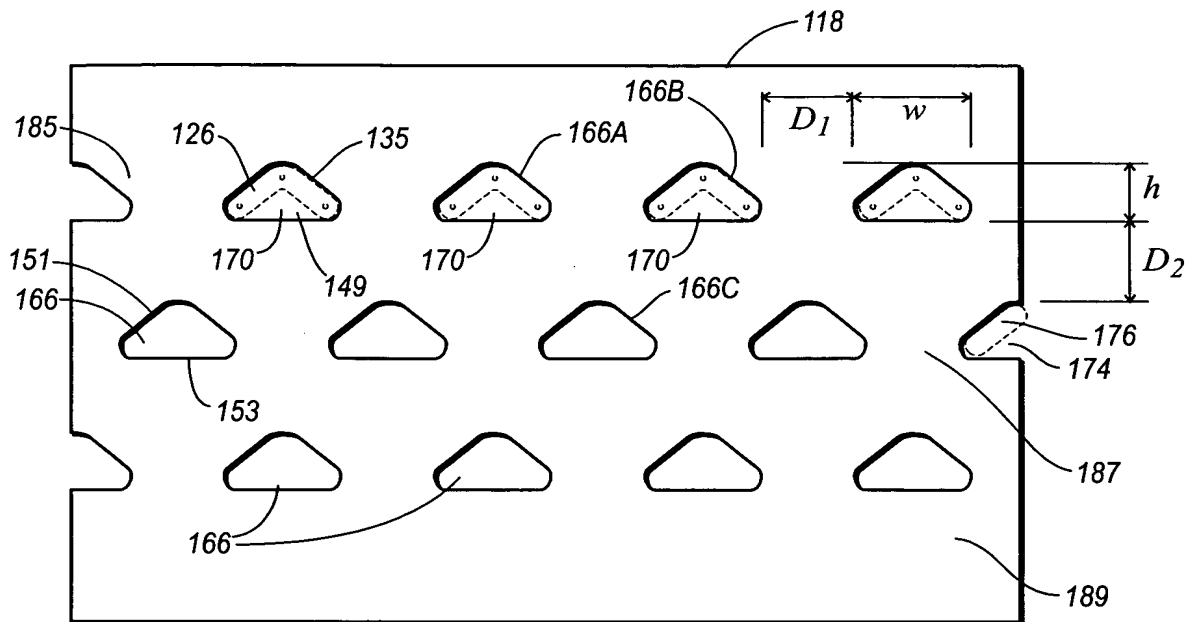


Fig. 10

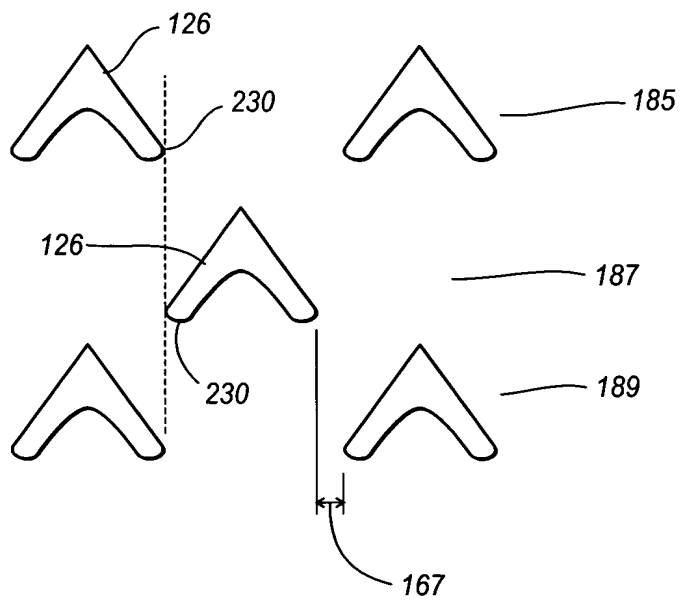
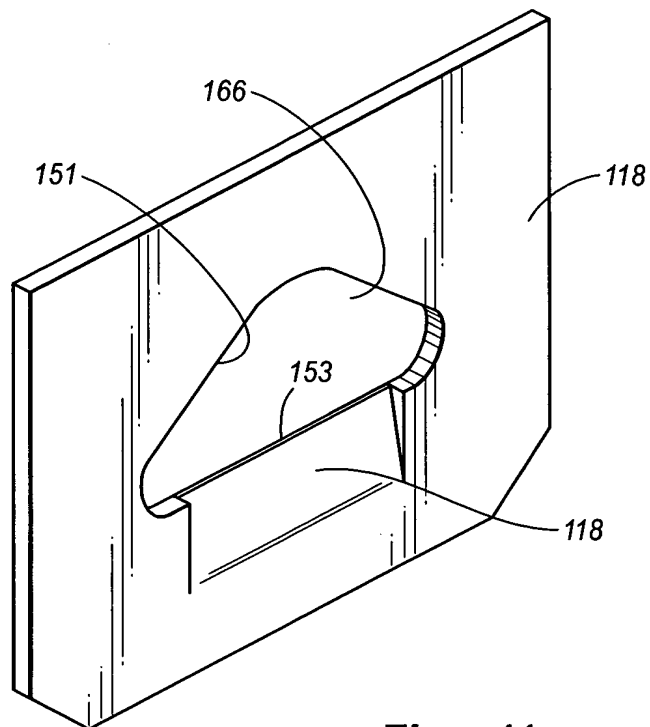


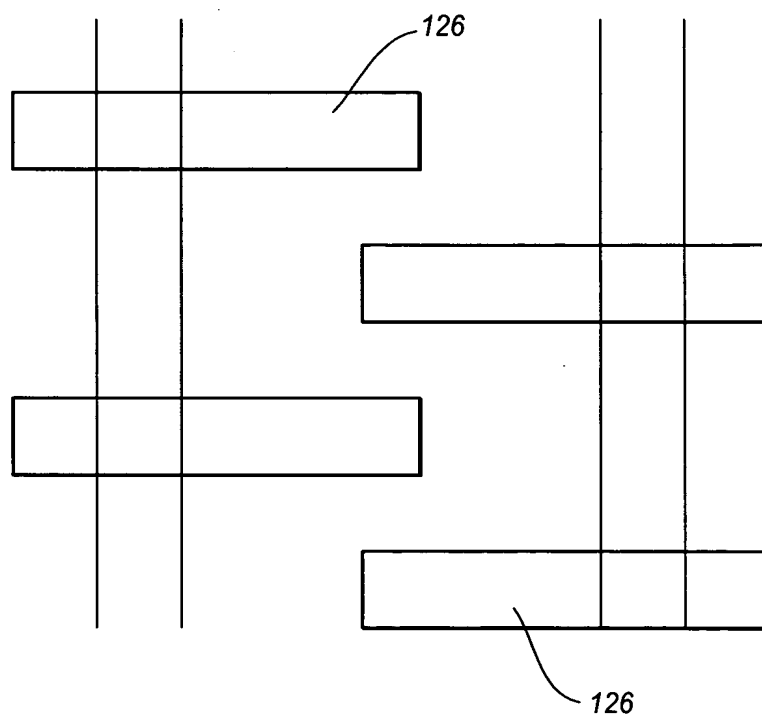
Fig. 10A



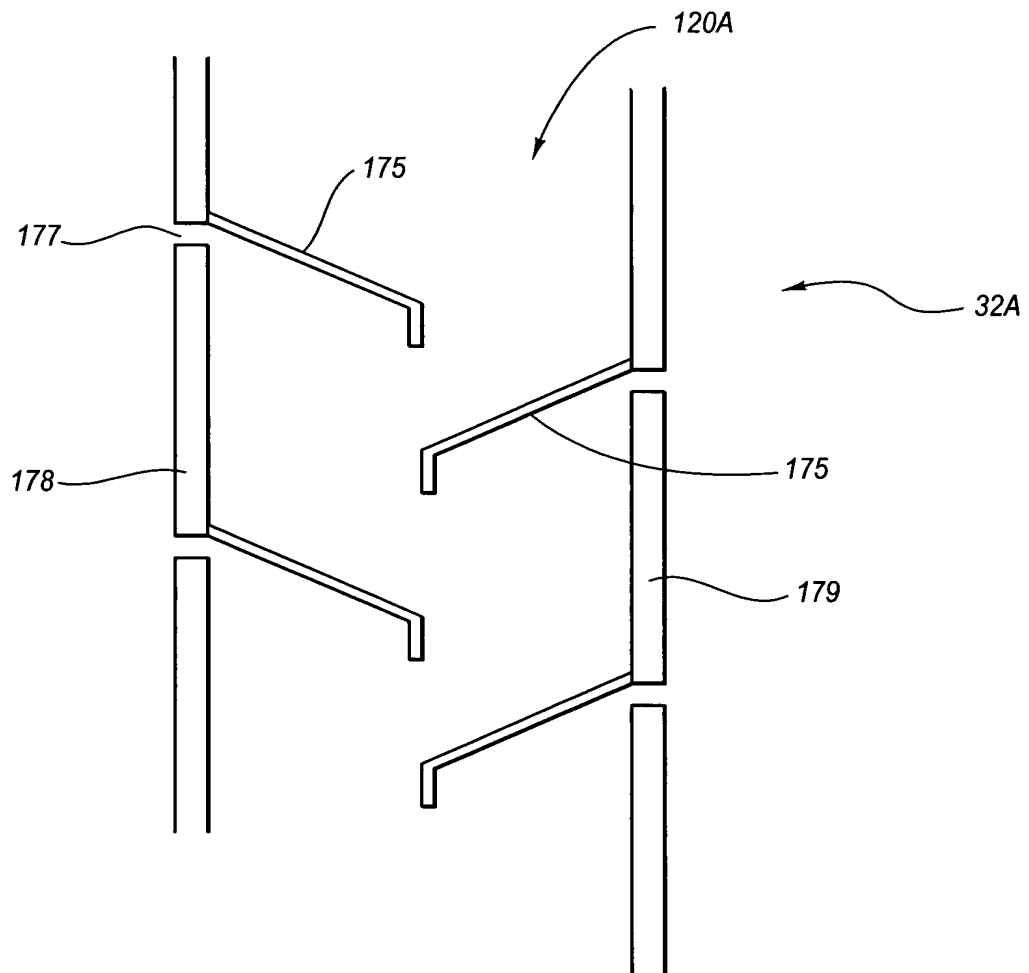
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**Fig. 11**



**Fig. 12**



**Fig. 13**

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### Feed Material

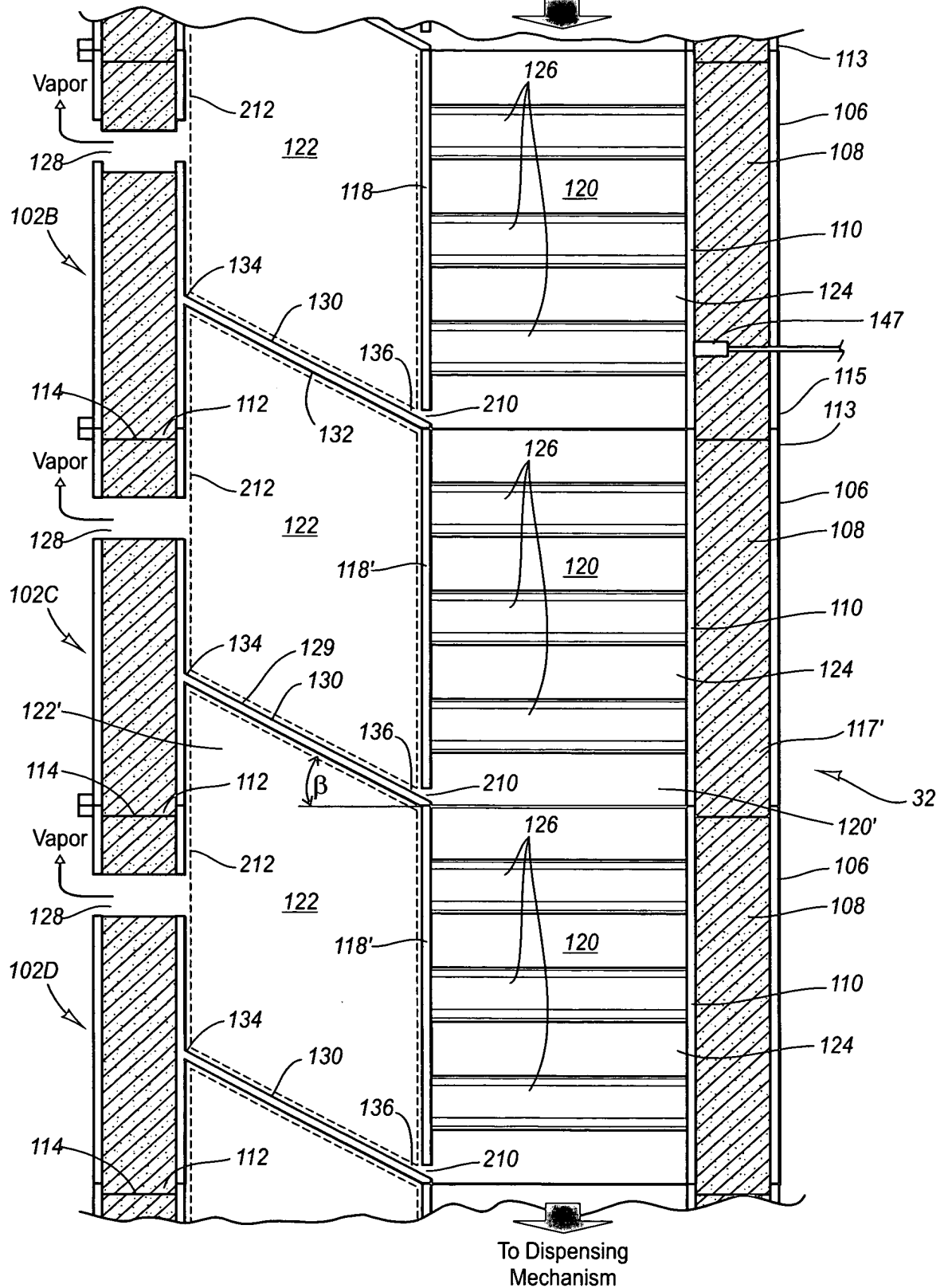
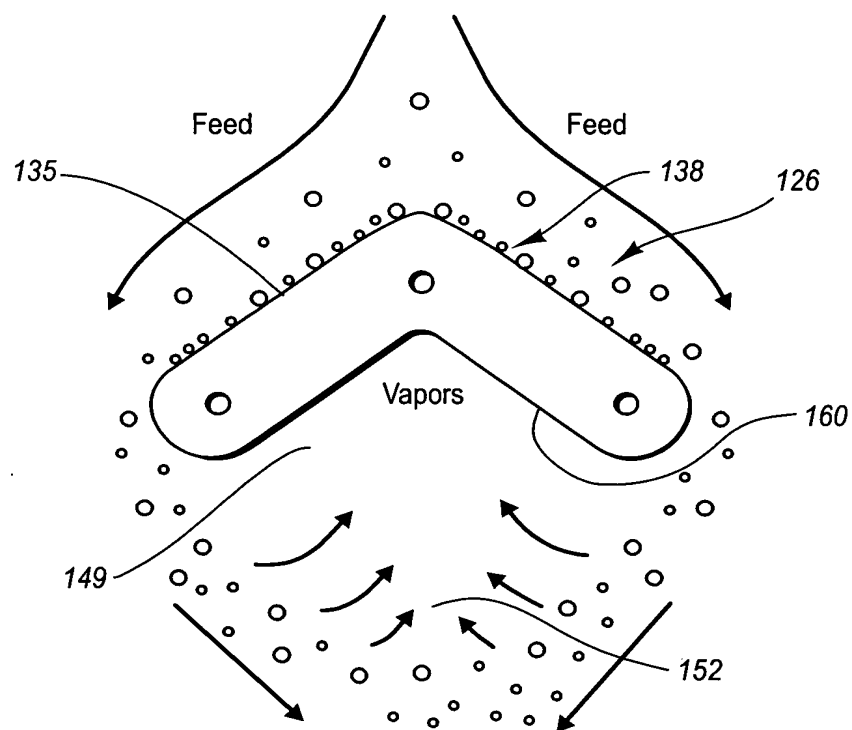


Fig. 14

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**Fig. 15**

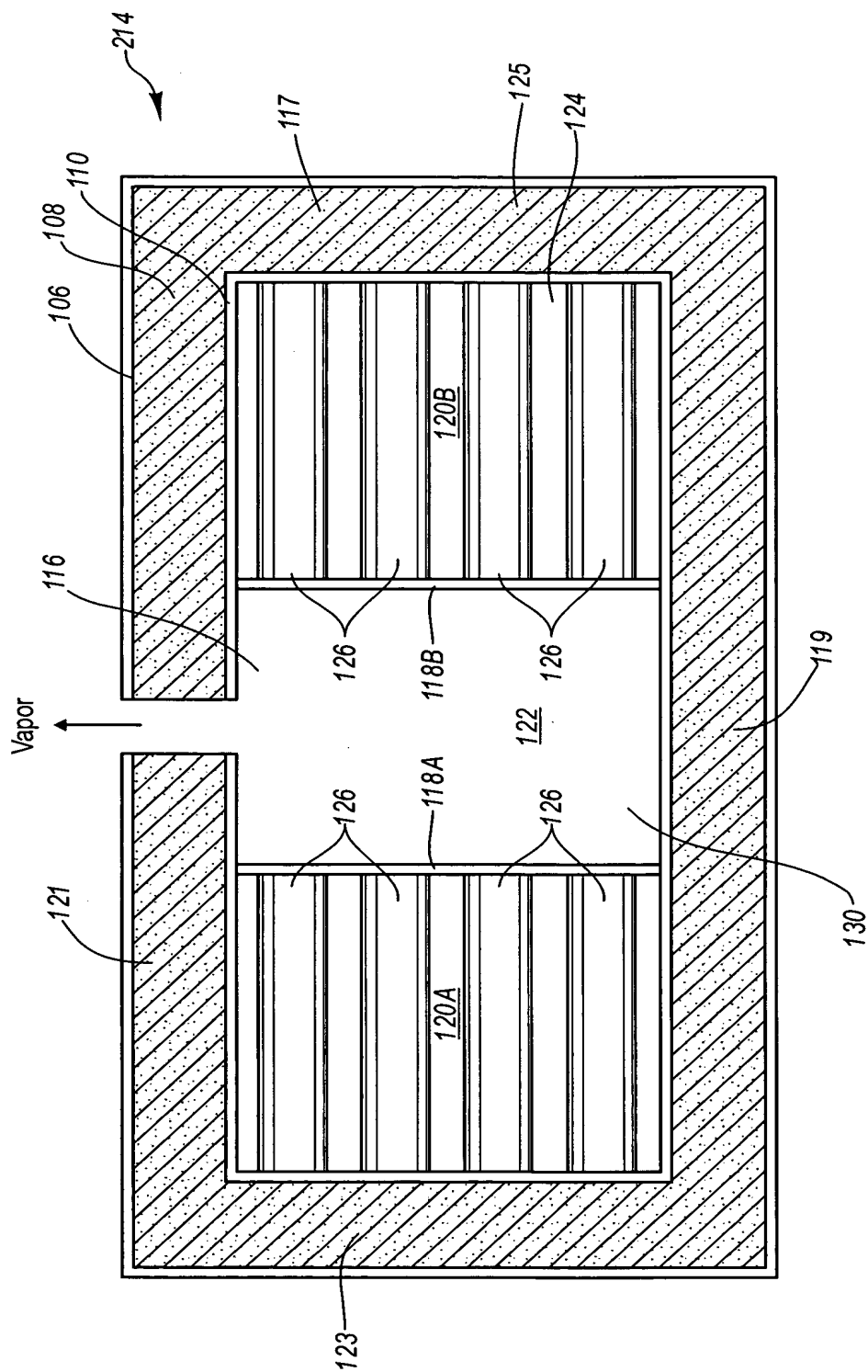


Fig. 16

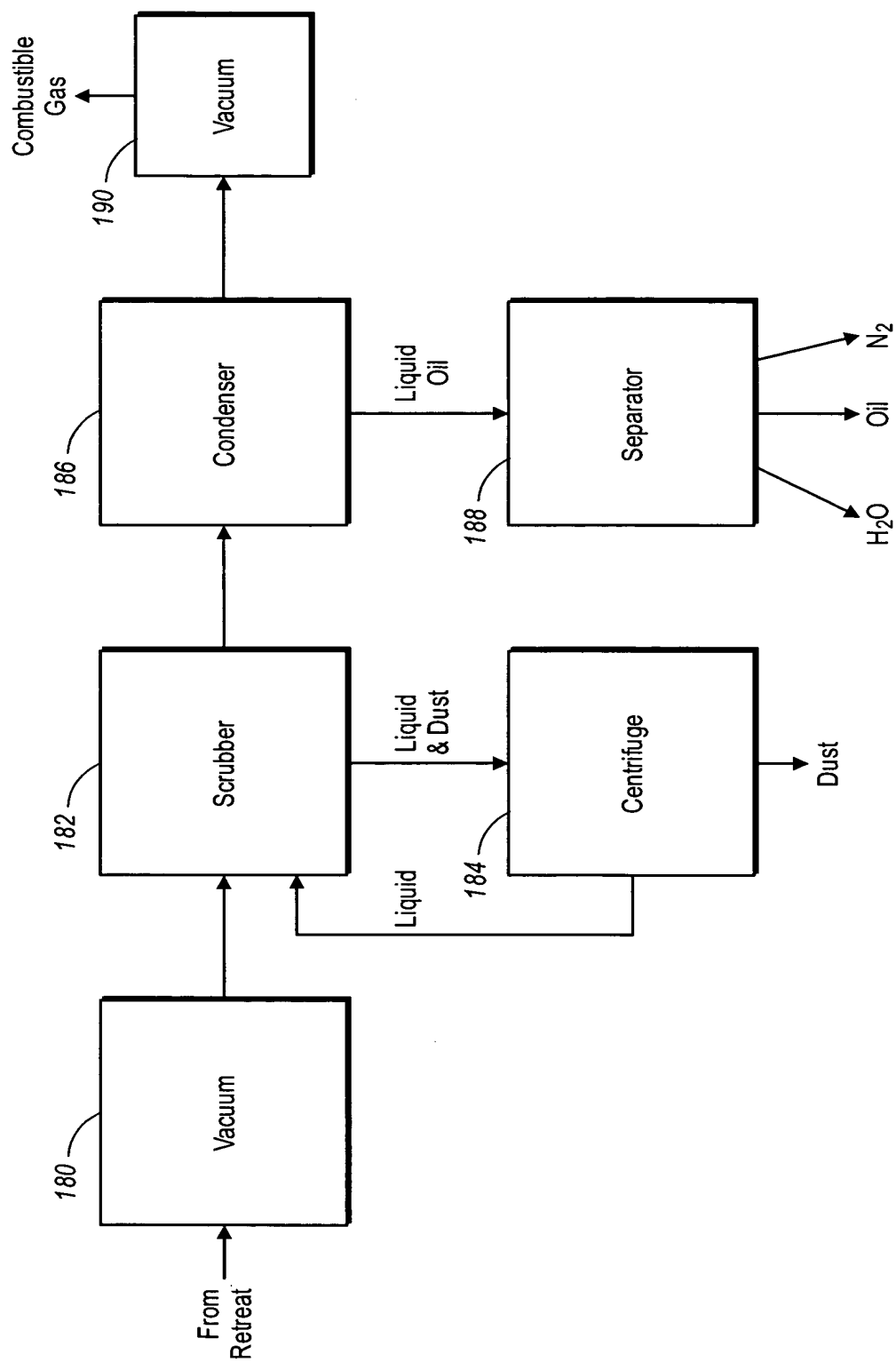


Fig. 17

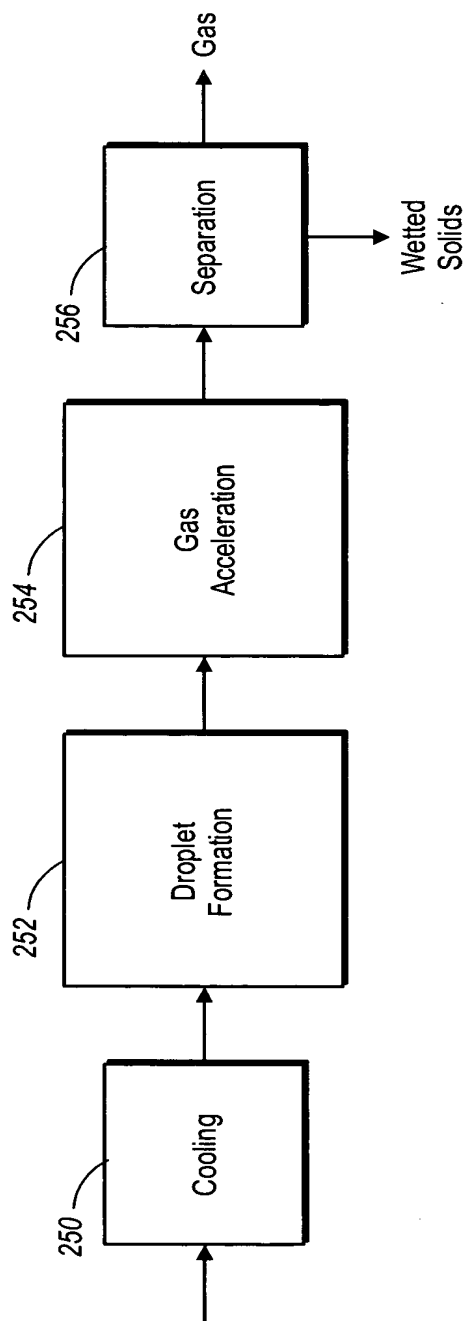


Fig. 18

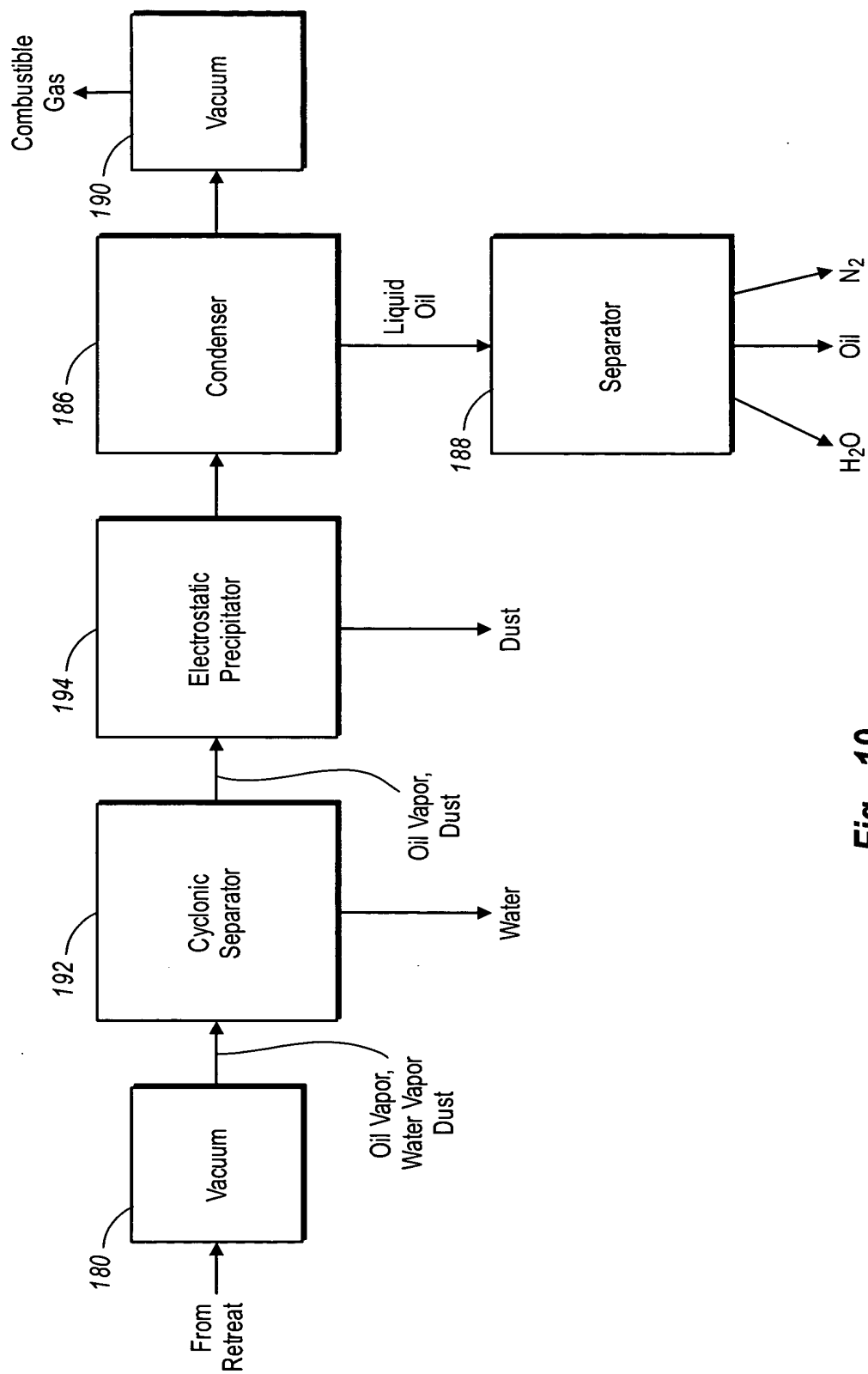


Fig. 19